

## State Water Resources Control Board

### UST CASE CLOSURE SUMMARY

#### Agency Information

Agency Name: Los Angeles Regional Water Quality Control Board (Los Angeles Water Board)	Address: 320 West 4 <sup>th</sup> Street Los Angeles, CA 90013
Agency Caseworker: Mr. Nhan Bao	Case No.: I-05033

#### Case Information

USTCF Claim No.: 9646	Global ID: T0603703018
Site Name: ARCO #1673 Former	Site Address: 12157 Artesia Boulevard Cerritos, CA 90703 (Site)
Responsible Party: Tesoro Refining & Marketing Company, LLC Attention: Ms. Jo-Anne Alvarez	Address: 400 Oceangate, Suite 600 Long Beach, CA 90802-4692
USTCF Expenditures to Date: \$0	Number of Years Case Open: 24

**URL:** [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603703018](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703018)

#### Summary

This case has been proposed for closure by the State Water Resources Control Board at the request of the Los Angeles Water Board, which concurs with closure.

The Low-Threat Underground Storage Tank Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Policy. This case meets all of the required criteria of the Policy.

The Site is currently an active fueling facility. The release was discovered when petroleum constituents were detected in soil samples obtained from the replacement of a used oil underground storage tank in 1990. A soil vapor extraction system operated at the Site from 1994 through 1997, and again from 2005 through 2015, removing 4,813 pounds of petroleum constituents from the subsurface. A dual phase extraction pilot test was performed at the Site in March 2002, removing 220 pounds of petroleum constituents and 7,779 gallons of impacted groundwater.

The affected groundwater is not currently used as a source of drinking water and is not expected to be used as a source of drinking water in the foreseeable future. Remaining petroleum constituents are limited, stable, and decreasing. Additional assessment would be

ARCO #1673 Former  
12157 Artesia Boulevard, Cerritos

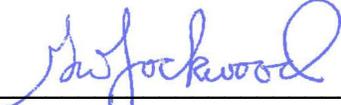
unnecessary and will not likely change the conceptual model. Any remaining petroleum constituents do not pose significant risk to human health, safety or the environment under current conditions.

### Rationale for Closure under the Policy

- General Criteria – Site **MEETS ALL EIGHT GENERAL CRITERIA** under the Policy.
- Groundwater Media-Specific Criteria – Site meets the criteria in **Class 2**. The contaminant plume that exceeds water quality objectives is less than 250 feet in length. There is no free product. The nearest existing water supply well or surface water body is greater than 1,000 feet from the defined plume boundary. The dissolved concentration of benzene is less than 3,000 micrograms per liter ( $\mu\text{g/L}$ ), and the dissolved concentration of methyl tert-butyl ether is less than 1,000  $\mu\text{g/L}$ .
- Petroleum Vapor Intrusion to Indoor Air – Site meets the **EXCEPTION** for vapor intrusion to indoor air. Exposure to petroleum vapors associated with historical fuel system releases are comparatively insignificant relative to exposures from small surface spills and fugitive vapor releases that typically occur at active fueling facilities.
- Direct Contact and Outdoor Air Exposure – Site meets **Criteria 3 (a)**. Maximum concentrations of petroleum constituents in soil from confirmation soil samples are less than or equal to those listed in Table 1 of the Policy.

### Recommendation for Closure

The corrective action performed at this Site ensures the protection of human health, safety, the environment and is consistent with Chapter 6.7 of the Health and Safety Code and implementing regulations, applicable state policies for water quality control and the applicable water quality control plan, and case closure is recommended.

  
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George Lockwood, PE No. 59556  
Senior Water Resource Control Engineer

08/14/2015  
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Date

